

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| S8    | 111732 | "370"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:49 |
| S9    | 20535  | S8 and (buffer stor\$4<br>memory queu\$4 ) and<br>(encod\$4 encrypt\$4)<br>and (decod\$4 decrypt<br>\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:52 |
| S10   | 5366   | S8 and (buffer stor\$4<br>memory queu\$4 ) and<br>((control\$4 manag\$6<br>regulat\$4 command)<br>with ((encod\$4 encrypt<br>\$4) and (decod\$4<br>decrypt\$4)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:54 |
| S11   | 1980   | S8 and (buffer stor\$4<br>memory queu\$4 )<br>same ((control\$4<br>manag\$6 regulat\$4<br>command) with ((encod<br>\$4 encrypt\$4) and<br>(decod\$4 decrypt\$4)))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:56 |
| S12   | 1416   | S8 and ((buffer stor\$4<br>memory queu\$4) with<br>(monitor\$4 check\$4<br>control\$4)) same<br>((control\$4 manag\$6<br>regulat\$4 command)<br>with ((encod\$4 encrypt<br>\$4) and (decod\$4<br>decrypt\$4)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:58 |
| S13   | 578    | S8 and ((buffer stor\$4<br>memory queu\$4) near3<br>(monitor\$4 check\$4<br>control\$4)) same<br>((control\$4 manag\$6<br>regulat\$4 command)<br>with ((encod\$4 encrypt<br>\$4) and (decod\$4<br>decrypt\$4))) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>07:59 |
| S14   | 38344  | S8 and ((buffer stor\$4<br>memory queu\$4) near3<br>(monitor\$4 check\$4<br>control\$4 manag\$6<br>regulat\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR               | ON      | 2008/10/09<br>08:02 |

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| S15 | 66535 | ((control\$4 manag\$6 regulat\$4 command) with ((encod\$4 encrypt \$4) and (decod\$4 decrypt\$4)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:03 |
| S16 | 578   | S8 and ((buffer stor\$4 memory queu\$4) near3 (monitor\$4 check\$4 control\$4)) same ((control\$4 manag\$6 regulat\$4 command) with ((encod\$4 encrypt \$4) and (decod\$4 decrypt\$4)))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:11 |
| S17 | 64    | S16 and (compress\$4 near3 (rate amount ratio))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:11 |
| S18 | 64    | S8 and ((buffer stor\$4 memory queu\$4) near3 (monitor\$4 check\$4 control\$4)) same ((control\$4 manag\$6 regulat\$4 command) with ((encod\$4 encrypt \$4) and (decod\$4 decrypt\$4))) and (compress\$4 near3 (rate amount ratio))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:12 |
| S19 | 64    | S8 and (((buffer stor\$4 memory queu\$4) near3 (monitor\$4 check\$4 control\$4)) same ((control\$4 manag\$6 regulat\$4 command) with ((encod\$4 encrypt \$4) and (decod\$4 decrypt\$4)))) and (compress\$4 near3 (rate amount ratio)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:14 |
| S20 | 3097  | 370/412.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:25 |
| S21 | 463   | S20 and (encod\$4 encrypt\$4) and (decod \$4 decrypt\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:26 |
| S22 | 334   | S21 and ((buffer memory stor\$4 queu \$4) near3 (control\$4 manag\$4 regulat\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>08:28 |

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| S23 | 404835 | (cod\$3 encod\$3 encrypt\$4) and (decod\$3 decrypt\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>09:36 |
| S24 | 27679  | S23 and ((buffer\$3 memory queu\$3 stor\$3) with (control\$4 manag\$3) with (monitor\$3 check\$3 regulat\$3))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>09:41 |
| S25 | 4836   | S23 and ((buffer\$3 memory queu\$3 stor\$3) NEAR3 (control\$4 manag\$3) NEAR3 (monitor\$3 check\$3 regulat\$3)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>09:45 |
| S26 | 10     | "1182875"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/09<br>15:22 |
| S27 | 10     | "1182875"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>08:27 |
| S28 | 32     | kazunori adj ozawa  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>08:28 |
| S29 | 4      | "7016970"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>08:29 |
| S30 | 1      | "10576156"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>08:46 |
| S31 | 9      | "1392032"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:31 |
| S32 | 2      | tranceiver and (decod\$4 and ecod\$4) and (buffer storage memory)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:51 |
| S33 | 210    | tranceiver and (decod\$4 and encod\$4) and (buffer storage memory)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:51 |
| S34 | 75     | tranceiver and (decod\$4 and encod\$4) same (buffer storage memory)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:52 |

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| S35 | 31    | (transceiver and (decod\$4 and encod\$4)) same (buffer storage memory)                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:53 |
| S36 | 1189  | 455/73.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:57 |
| S37 | 228   | S36 and (encod\$4 encrypt\$4) and (decod\$4 decrypt\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:57 |
| S38 | 12    | S37 and ((buffer memory storage) near3 monitor\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>09:59 |
| S39 | 48    | (terminal mobile) with (compression adj1 rate) with (modify\$3 modification adjust\$3 adjustment chang\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>10:22 |
| S40 | 36    | (terminal mobile) with (compression adj1 rate) with (modify\$3 modification adjust\$3 adjustment chang\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/14<br>10:24 |
| S41 | 13394 | (terminal mobile) with (time adj1 interval)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/14<br>10:57 |
| S42 | 1     | "10576156"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/14<br>10:59 |
| S43 | 1     | S42 and (time adj1 interval)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/14<br>10:59 |
| S44 | 3     | "20020191722"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>11:17 |
| S45 | 1     | "10576294"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>12:02 |
| S46 | 4     | "7016970"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>14:26 |
| S47 | 3     | "7016970" and encod\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>14:27 |

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| S48 | 2       | "7016970" and encod\$4 and (compress\$4 near3 rate)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>14:28 |
| S49 | 2       | "7016970" and encod\$4 and compress\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>14:30 |
| S50 | 2       | "7016970" and (transmi\$6 near2 speed)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>14:34 |
| S51 | 1223016 | transceiver ((transmi\$6 with (receiv\$4 reception)))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:16 |
| S52 | 859849  | transceiver ((transmi\$6 near3 (receiv\$4 reception)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:17 |
| S53 | 1279    | S52 and (encod\$4 encrypt) and (decod\$4 decrypt\$4) and (compress\$4 near2 (rate flow time)) and ((buffer\$4 stor\$4 memory) with monitor\$4 ) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:23 |
| S54 | 766     | S52 and (encod\$4 encrypt) and (decod\$4 decrypt\$4) and (compress\$4 near2 (rate flow)) and ((buffer\$4 stor\$4 memory) with monitor\$4 )      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:24 |
| S55 | 378     | S52 and (encod\$4 encrypt) and (decod\$4 decrypt\$4) and (compress\$4 near2 (rate flow)) and ((buffer\$4 stor\$4 memory) near3 monitor\$4 )     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:24 |
| S56 | 378     | S52 and (encod\$4) and (decod\$4) and (compress\$4 near2 (rate flow)) and ((buffer\$4 stor\$4 memory) near3 monitor\$4 )                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:32 |

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| S57 | 278     | S52 and (encod\$4) and (decod\$4) and (compress\$4 near (rate flow)) and ((buffer\$4 stor\$4 memory) near3 monitor\$4 ) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:33 |
| S58 | 633583  | transceiver ((transmi\$6 near1 (receiv\$4 reception)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:35 |
| S59 | 2       | S58 and S47   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:35 |
| S60 | 249     | S58 and S57   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:35 |
| S61 | 225124  | encod\$4 and decod\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:37 |
| S62 | 19426   | compress\$4 adj1 (rate flow)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:38 |
| S63 | 456688  | (time near1 interval)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:41 |
| S64 | 49186   | (time near1 interval) with output   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:41 |
| S65 | 1482082 | (buffer stor\$4 memory) with (monitor\$4 check \$4 control\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:43 |
| S66 | 2149820 | (reception (signal strength)) with (monitor \$4 check\$4 control\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:45 |
| S67 | 12      | S58 and S61 and S62 and S64 and S65 and S66   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:46 |
| S68 | 260     | S58 and S61 and S62 and S63 and S65 and S66   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>15:53 |

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| S69 | 96     | transceiver and S61 and S62 and S63 and S65 and S66                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:02 |
| S70 | 2018   | (compress\$4 adj1 (rate flow)) with (modify\$3 modification adjust\$4 chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:06 |
| S71 | 4      | transceiver and S61 and S70 and S63 and S65 and S66                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:06 |
| S72 | 4      | transceiver and S70 and encod\$3 and decod\$3 and S63                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:10 |
| S73 | 17     | transceiver and S70 and encod\$3 and decod\$3                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:11 |
| S74 | 4402   | (compress\$4 near1 (rate flow)) with (modify\$3 modification adjust\$4 chang\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:11 |
| S75 | 46     | transceiver and S74 and encod\$3 and decod\$3                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:12 |
| S76 | 2      | transceiver with (compress\$4 near1 rate) with control\$4                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:38 |
| S77 | 8      | transceiver same (compress\$4 near1 rate) with control\$4                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:41 |
| S78 | 41     | transceiver same (compress\$4 near1 rate)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/14<br>16:41 |
| S79 | 33     | transceiver same (compress\$4 near1 rate)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/14<br>16:42 |
| S80 | 550502 | transceiver ((transmi\$6 adj1 (receiv\$4 reception)))                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:10 |
| S81 | 225124 | encod\$4 and decod\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:11 |

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| S82 | 75776  | S80 and S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:11 |
| S83 | 1672   | S82 and (compress\$4<br>near1 (rate flow))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:11 |
| S84 | 189475 | transceiver ((transmi\$6<br>adj1 (receiv\$4<br>reception))) same<br>(encod\$4 and decod\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:12 |
| S85 | 184089 | transceiver ((transmi\$6<br>adj1 (receiv\$4<br>reception))) with (encod<br>\$4 and decod\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:12 |
| S86 | 78     | (transceiver ((transmi<br>\$6 adj1 (receiv\$4<br>reception))) with (encod<br>\$4 and decod\$4)) and<br>((compress\$4 near1<br>rate) with (chang\$4<br>modify\$4 modification<br>adjust\$4 adjustment)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:14 |
| S87 | 78     | (transceiver ((transmi<br>\$6 near(receiv\$4<br>reception))) with (encod<br>\$4 and decod\$4)) and<br>((compress\$4 near1<br>rate) with (chang\$4<br>modify\$4 modification<br>adjust\$4 adjustment))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:18 |
| S88 | 5      | "6160915"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:39 |
| S89 | 28138  | transceiver and (signal<br>near processor)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:52 |
| S90 | 5304   | transceiver and (signal<br>near processor) and<br>(encod\$4 with decod<br>\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:52 |
| S91 | 116    | transceiver and (signal<br>near processor) and<br>(encod\$4 with decod<br>\$4) and (compress\$4<br>near rate)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>08:53 |

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| S92 | 5    | (transceiver (transmi\$6<br>near(receiv\$4<br>reception))) with (encod<br>\$4 with (compress\$4<br>near rate) with (chang<br>\$4 modify\$4<br>modification adjust\$4<br>adjustment)) and decod<br>\$4                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:22 |
| S93 | 8664 | (transceiver (transmi\$6<br>near(receiv\$4<br>reception))) with encod<br>\$4 with decod\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:23 |
| S94 | 10   | ((transceiver (transmi<br>\$6 near(receiv\$4<br>reception))) with encod<br>\$4 with decod\$4) and<br>(encod\$4 with<br>(compress\$4 near rate)<br>with (chang\$3 adjust\$3<br>adjustment modify\$3<br>modification))         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:25 |
| S95 | 3    | (transceiver with encod<br>\$4 with decod\$4) and<br>(encod\$4 with<br>(compress\$4 near rate)<br>with (chang\$3 adjust\$3<br>adjustment modify\$3<br>modification))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:27 |
| S96 | 3    | (transceiver with encod<br>\$4 with decod\$4) and<br>(encod\$4 with<br>(compress\$4 near rate)<br>with (chang\$3 adjust\$3<br>adjustment modify\$3<br>modification dynamic))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:28 |
| S97 | 63   | (transceiver with encod<br>\$4 with decod\$4) and<br>(encod\$4 with<br>(((compress\$4 near<br>rate) with (chang\$3<br>adjust\$3 adjustment<br>modify\$3 modification<br>dynamic)) (time adj1<br>(interval span<br>period)))) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:31 |
| S98 | 6    | (transceiver same encod<br>\$4 same decod\$4) and<br>(encod\$4 with<br>((compress\$4 near<br>rate) with (chang\$3<br>adjust\$3 adjustment<br>modify\$3 modification<br>dynamic)))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>09:33 |

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|------|--------|--|--|----|----|------------------|
| S99  | 298    | ((encod\$4 with ((compress\$4 near rate) with (chang\$3 adjust\$3 adjustment modify\$3 modification dynamic))))                | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT | OR | ON | 2008/10/15 09:36 |
| S100 | 15     | transceiver and (encod\$4 with ((compress\$4 near rate) with (chang\$3 adjust\$3 adjustment modify\$3 modification dynamic)))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT | OR | ON | 2008/10/15 09:38 |
| S101 | 979094 | transceiver ((transmi\$6 near5 (receiv\$4 reception)))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT | OR | ON | 2008/10/15 09:43 |
| S102 | 625129 | transceiver ((transmi\$6 near5 (receiv\$4 reception)))   | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:43 |
| S103 | 156145 | S102 same (encod\$4 cod\$4 decod\$4)   | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:45 |
| S104 | 83494  | S103 same (control\$4 modif\$6 configur\$6 adjust\$4 dynamic\$6)   | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:46 |
| S105 | 3669   | S104 same (compress\$4)  | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:47 |
| S106 | 87490  | S103 same (control\$4 modif\$6 configur\$6 adjust\$4 dynamic\$6 chang\$3)  | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:49 |
| S107 | 3963   | S106 same (compress\$4)  | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:50 |
| S108 | 1324   | S107 and output and buffer and storage   | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 09:51 |
| S110 | 708    | ((encod\$3 same ((compress\$4 near (rate flow)) with (chang\$3 adjust\$4 dynamic modif\$6 control\$4 configur\$6))))           | US-PGPUB; USPAT; USOCR; FPRS; EPO          | OR | ON | 2008/10/15 10:16 |
| S111 | 27     | S110 and transceiver   | US-PGPUB; USPAT; USOCR; FPRS; EPO          | OR | ON | 2008/10/15 10:16 |
| S112 | 3      | S110 same transceiver  | US-PGPUB; USPAT; USOCR; FPRS; EPO          | OR | ON | 2008/10/15 10:17 |
| S121 | 52520  | S102 same ((encod\$4 cod\$4) and decod\$4)   | US-PGPUB; USPAT                            | OR | ON | 2008/10/15 12:57 |

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|------|-------|---|---|----|----|---------------------|
| S122 | 95    | S121 and ((encod\$4<br>cod\$4) with (compress<br>\$4 near (rate flow))<br>with (chang\$4 adjust\$4<br>modif\$6 dynamic<br>configur\$6 control\$4))  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/15<br>12:59 |
| S128 | 218   | monitor\$4 near3<br>storage near3 buffer  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/15<br>13:40 |
| S129 | 5     | monitor\$4 near3<br>storage near3 buffer<br>near3 encod\$4  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/15<br>13:42 |
| S130 | 6     | monitor\$4 near3<br>storage near3 buffer<br>near3 decod\$4  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/15<br>13:42 |
| S132 | 1     | "10576361"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/15<br>16:14 |
| S133 | 21    | "4586088"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/16<br>10:32 |
| S134 | 11827 | ((signal near strength)<br>error ((BER) Bit adj<br>error adj rate) ((SNR)<br>Signal adj2 Noise adj2<br>Ratio ) ((SNIR) Signal<br>adj2 Noise adj2 Ratio<br>adj2 Interference adj2<br>ratio) ((SIR) Signal<br>adj2 interference adj2<br>ratio) ((RSSI) receive<br>adj2 signal adj2<br>strength adj2<br>indication)) same<br>(delay reschedule stop<br>pause compress) same<br>(report feedback<br>replay) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/16<br>16:18 |
| S135 | 249   | S134 same encod\$3<br>same decod\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO             | OR | ON | 2008/10/16<br>16:19 |

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|------|-------|---|---|----|----|---------------------|
| S136 | 8995  | ((signal near strength) error ((BER) Bit adj error adj rate) ((SNR) Signal adj2 Noise adj2 Ratio ) ((SNIR) Signal adj2 Noise adj2 Ratio adj2 Interference adj2 ratio) ((SIR) Signal adj2 interference adj2 ratio) ((RSSI) receive adj2 signal adj2 strength adj2 indication)) same (delay reschedule stop pause compress) same (report feedback replay) | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/16<br>16:22 |
| S137 | 199   | S136 same encod\$3 same decod\$3  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/16<br>16:22 |
| S140 | 9469  | ((signal near strength) error ((BER) Bit adj error adj rate) ((SNR) Signal adj2 Noise adj2 Ratio ) ((SNIR) Signal adj2 Noise adj2 Ratio adj2 Interference adj2 ratio) ((SIR) Signal adj2 interference adj2 ratio) ((RSSI) receive adj2 signal adj2 strength adj2 indication)) same (delay reschedule stop pause) same (report feedback)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT            | OR | ON | 2008/10/16<br>16:53 |
| S141 | 153   | S140 same encod\$3 same decod\$3  | US-PGPUB;<br>USPAT                                  | OR | ON | 2008/10/16<br>16:53 |
| S142 | 122   | buffer near after with decoder  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>DERWENT | OR | ON | 2008/10/22<br>08:36 |
| S143 | 13931 | decod\$3 adj3 buffer  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT            | OR | ON | 2008/10/22<br>09:04 |
| S144 | 3416  | decod\$3 adj buffer   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT            | OR | ON | 2008/10/22<br>09:05 |
| S145 | 372   | (decod\$3 adj buffer) with after with decod\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT            | OR | ON | 2008/10/22<br>09:05 |
| S146 | 13931 | (decod\$3 adj3 buffer)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT            | OR | ON | 2008/10/22<br>09:08 |

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| S147 | 1014  | (decod\$3 adj3 buffer)<br>and "370"\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/22<br>09:08 |
| S148 | 168   | S147 and transceiver   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/22<br>09:08 |
| S149 | 15265 | ((reception adj status)<br>(signal adj strength)<br>(field intensity)) same<br>encod\$3 same decod\$3                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/22<br>16:46 |
| S150 | 320   | ((reception adj status)<br>(signal adj strength)<br>(field intensity)) same<br>encod\$3 same decod\$3<br>same transceiver        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/22<br>16:46 |
| S151 | 44    | ((reception adj status)<br>(signal adj strength)<br>(field adj intensity))<br>same encod\$3 same<br>decod\$3 same<br>transceiver | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/22<br>16:47 |
| S152 | 5593  | programmable near<br>delay\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>08:56 |
| S153 | 702   | transceiver and<br>(programmable near<br>delay\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>08:56 |
| S154 | 5594  | transceiver and encod<br>\$3and (programmable<br>near delay\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>08:56 |
| S155 | 347   | transceiver and encod<br>\$3 and (programmable<br>near delay\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>08:56 |
| S156 | 19    | transceiver and (encod<br>\$3 same<br>(programmable near<br>delay\$3))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>08:57 |
| S157 | 3215  | transceiver and (encod<br>\$3 same delay)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:08 |
| S158 | 0     | transceiver and (encod<br>\$3 same (delay (time<br>adj interval))) and<br>"370."\$.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:08 |
| S159 | 0     | transceiver and (encod<br>\$3 same (delay)) and<br>"370."\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:09 |
| S160 | 0     | transceiver and (encod<br>\$3 same delay) and<br>"370."\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:10 |

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| S161 | 1027 | transceiver and (encod\$3 same delay) and "375".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:10 |
| S162 | 888  | transceiver and (encod\$3 same delay) and "370".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:10 |
| S163 | 1027 | transceiver and (encod\$3 same (delay (time adj interval))) and "370".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:10 |
| S164 | 996  | transceiver and (encod\$3 same (delay (time adj interval))) and "370".clas. and (control \$6)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:11 |
| S165 | 113  | transceiver same (encod\$3 same (delay (time adj interval))) and "370".clas. and (control \$6)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:12 |
| S166 | 942  | (BER CQI SNR) same feedback and encoder  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:35 |
| S167 | 352  | (BER CQI SNR) same feedback and encoder and transceiver  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:35 |
| S168 | 21   | (BER CQI SNR) same feedback same encoder and transceiver   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:35 |
| S169 | 352  | (BER CQI SNR) same feedback and encoder and transceiver  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>09:42 |
| S170 | 247  | transceiver and decod\$3 and (encod\$3 same feedback same (delay (time adj interval)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:30 |
| S171 | 0    | transceiver and decod\$3 and (encod\$3 same ((stop with start) pause (resume with stop))) same feedback same (delay (time adj interval)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:33 |
| S172 | 247  | transceiver and decod\$3 and (encod\$3 same feedback same (delay (time adj interval)) )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:34 |
| S173 | 138  | transceiver and decod\$3 and (encod\$3 same feedback with (delay (time adj interval)) )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:36 |

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| S174 | 138  | transceiver and decod<br>\$3 and (encod\$3 same<br>(feedback with (delay<br>(time adj interval))))                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:37 |
| S175 | 99   | transceiver and decod<br>\$3 and (encod\$3 with<br>(feedback with (delay<br>(time adj interval))))                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:38 |
| S176 | 92   | transceiver and decod<br>\$3 and (encod\$3 with<br>(feedback with<br>(delay)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:39 |
| S177 | 92   | transceiver and decod<br>\$3 and (encod\$3 with<br>feedback with delay)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:41 |
| S178 | 94   | transceiver and decod<br>\$3 and (encod\$3 with<br>feedback with delay\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:48 |
| S179 | 3348 | (delay\$3 (start same<br>stop) (pause) (resume<br>same stop) (back adj<br>pressure)) with transmi<br>\$6 with encod\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:54 |
| S180 | 528  | S179 and transceiver   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>11:54 |
| S181 | 133  | (delay\$3 near2 encod<br>\$3 near2 transmission)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>12:05 |
| S182 | 212  | (delay\$3 near2 encod<br>\$3 near2 (transmi\$6))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>12:07 |
| S183 | 126  | (delay\$3 adj3 encod\$3<br>adj3 (transmi\$6))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>12:13 |
| S184 | 4    | (delay\$3 adj3 encod\$3<br>adj3 (transmi\$6)) same<br>feedback   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:23 |
| S185 | 0    | ((delay\$3 near2<br>tranmission) with encod<br>\$3) and transceiver  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:34 |
| S186 | 0    | ((delay\$3 near2<br>tranmission) with encod<br>\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:34 |
| S187 | 0    | ((delay\$3 near2 tranmi<br>\$5) with encod\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:35 |
| S188 | 0    | ((delay\$3 near2 tranmi<br>\$6) with encod\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:35 |

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| S189 | 0   | ((delay\$3 near5 tranmi\$6) with encod\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:35 |
| S190 | 0   | ((delay\$3 with tranmi\$6) with encod\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:35 |
| S192 | 82  | ((delay\$3 near2 transmission) with encod\$3) and transceiver  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:36 |
| S193 | 38  | ((delay\$3 adj2 transmission) with encod\$3) and transceiver   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:36 |
| S194 | 984 | ((delay\$3 (start same stop) (pause) (resume same stop) (back adj pressure)) near2 transmi\$5) with encod\$3                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:40 |
| S195 | 981 | ((delay\$3 (start with stop) (pause) (resume with stop) (back adj pressure)) near2 transmi\$5) with encod\$3                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:41 |
| S196 | 4   | ((delay\$3 (start with stop) (pause) (resume with stop) (back adj pressure)) near2 transmi\$5) with encod\$3) same decod\$3 same transceiver | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:41 |
| S197 | 18  | ((delay\$3 (start with stop) (pause) (resume with stop) (back adj pressure)) near2 transmi\$5) with encod\$3) same (feedback reply\$3)       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>14:43 |
| S198 | 14  | "6330278"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/10/23<br>15:51 |

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